

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number  
**WO 2005/082198 A1**

(51) International Patent Classification<sup>7</sup>: **A45D 1/06**, 1/04

(21) International Application Number:  
PCT/IB2005/000424

(22) International Filing Date: 21 February 2005 (21.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
04101244.8 20 February 2004 (20.02.2004) CN  
04103444.2 14 May 2004 (14.05.2004) CN  
04105261.7 19 July 2004 (19.07.2004) CN

(71) Applicant (for NZ only): **DAVIES, Paul, R.** [NZ/CN]; 7/F,  
Alexandra House, 16-20 Chater Road, Central, Hong Kong  
(CN).

(71) Applicant and

(72) Inventor: **CHAN, Wing, Kin** [CA/CN]; Block A-B-C, 4th  
floor, Wing Hin Factory Building, 31-33 Ng Fong Street,  
San Po Kong, Kowloon, Hong Kong (CN).

(74) Common Representative: **DAVIES, Paul, R.**; 7/F,  
Alexandra House, 16-20 Chater Road, Central, Hong  
Kong (CN).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

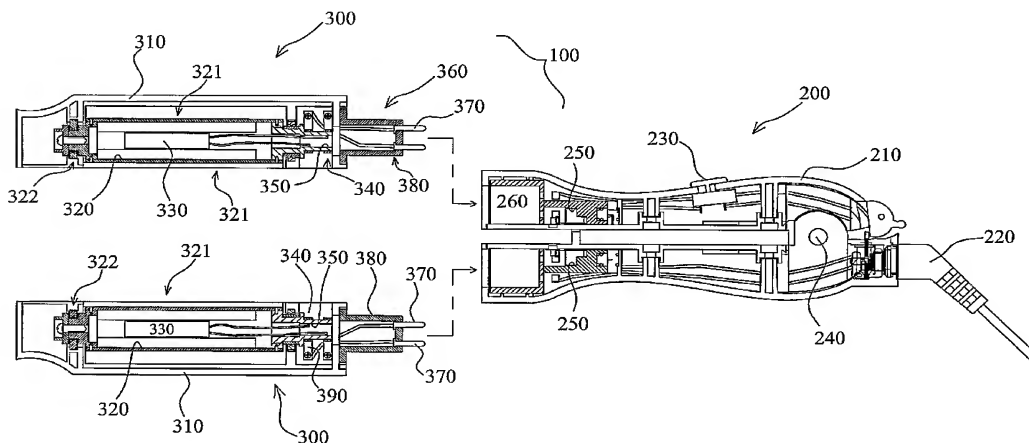
— of inventorship (Rule 4.17(iv)) for US only

**Published:**

— with international search report  
— before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **HAIR STYLING APPARATUS**



(57) Abstract: Hair styling apparatus comprising a pair of pivotally connected handles (200) and a pair of detachable styling mem-  
bers (300) which are connected to the un-pivoted ends of said handles, each said styling member comprising a main housing (310), a  
styling roller (320), built-in heating means (330) and an electrical adaptor (360), said styling roller being rotatably supported on said  
main housing and being rotatable about a longitudinal axis which is substantially orthogonal to the pivotal axis joining said handles,  
said electrical adaptor and said styling roller including co-operative rotary electrical interfacing means (340,390) so that operating  
power for said heating means of said styling member can be supplied from said electrical adaptor to said styling member via said  
rotary electrical interfacing means, wherein said styling roller being rotatable relative to said handles.



WO 2005/082198 A1